



Exercise 1

- (a) The slope of this line is

Multiple Choice:

- (i) positive because y is increasing ✓
- (ii) positive because y is decreasing
- (iii) negative because y is increasing
- (iv) negative because y is decreasing

- (b) The slope of this line is $m = \boxed{2/5}$.

Hint: Recall that the slope of the line is the rate of change between any two data points on the line, $m = \frac{\Delta y}{\Delta x}$.

- (c) The y -value of the point corresponding to $x = 9$ is $\boxed{28/5}$.

Hint: How much y increases if x increases by 1? How much does y increase if x increases by 4?